

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan
Grisham Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



07/15/2020

**Operator Notice Regarding
C-104 Denial and Request for Information
*30-015-45945***

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

Mark Box, 'AMENDED REPORT' on C-104

☒ C-103 (or BLM equivalent) for all casing strings

- ☐ Spud Notice
- ☐ Surface Casing
- ☐ Intermediate Casing (if applicable)
- ☐ Additional Intermediate Casing (if applicable)
- ☐ Production Casing or Liner

***Please review the well files online
upon revising your forms.*

☐ Applicable Order (NSL, NSP, Other _____)

☐ Deviation Survey for Vertical Wells

☒ Directional Survey

xx Please re-submit with C-104NW packet.

☒ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

☒ C-103 Completion Sundry (or BLM equivalent)

*Review in well files vs. what is written on C-105
and C-104. TBG data missing.*

☒ C-105 Completion Report (or BLM equivalent)

Review attached, highlighted areas.

☐ All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

If you have any questions, please contact the local OCD District Office.

Once Complete, re-submit through e docs asap.

Thank you

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BTA OIL PRODUCERS, LLC 104 S PECOS MIDLAND, TX. 79701		² OGRID Number 260297
		³ Reason for Filing Code/ Effective Date NEW WELL 1/6/2020
⁴ API Number 30 –015-45945	⁵ Pool Name PURPLE SAGE (WOLFCAMP)	⁶ Pool Code 98820
⁷ Property Code 325477	⁸ Property Name PARDUE 8808	⁹ Well Number 4H

II. ¹⁰ Surface Location

UL or lot no. D	Section 11	Township 23S	Range 28E	Lot Idn	Feet from the 220	North/South Line NORTH	Feet from the 1125	East/West line WEST	County EDDY
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹¹ Bottom Hole Location

UL or lot no. N	Section 11	Township 23S	Range 28E	Lot Idn	Feet from the 46.9	North/South line SOUTH	Feet from the 2298.8	East/West line WEST	County EDDY
¹² Lse Code 325477	¹³ Producing Method Code F	¹⁴ Gas Connection Date 2/14/2020	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	PLAINS MARKETING LP P O BOX 4648 HOUSTON, TX 77210-4648	O
327139	SENDERO CARLSBAD MIDSTREAM, LLC 1000 LOUISIANA AVE., SUITE 6900 HOUSTON, TX. 77002	G

IV. Well Completion Data

²¹ Spud Date 7/30/2019	²² Ready Date 1/6/2020	²³ TD 14,660’	²⁴ PBDT 14,606’	²⁵ Perforations 9,780-14,370	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
17 ½”	13 3/8”	535’		425	
12 ¼”	9 5/8”	2,618’		800	
8 ¾”	7”	9,966’		705	
6 1/8”	4 ½”	9,187-14,657		370	

V. Well Test Data

³¹ Date New Oil 1/06/2020	³² Gas Delivery Date 1/08//2020	³³ Test Date 1/10/2020	³⁴ Test Length 24 hour	³⁵ Tbg. Pressure 2250	³⁶ Csg. Pressure 2100
³⁷ Choke Size 34/64	³⁸ Oil 1230	³⁹ Water 3022	⁴⁰ Gas 3014	2400	⁴¹ Test Method FLOWING
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Katy Reddell</i>			OIL CONSERVATION DIVISION Approved by: <i>DENIED</i>		
Printed name: KATY REDDELL			Title:		
REGULATORY ANALYST			Approval Date:		
E-mail Address: Kreddell@btaoil			<i>Refer to page 1 with the attachment(s)</i>		
Date:2/28/2020	Phone: 432-682-3753				

New Mexico Oil Conservation Division
C-104 Instructions

October 13, 2009

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT

Report all gas volumes at 15.025 PSIA at 60°.
Report all oil volumes to the nearest whole barrel.

A request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests conducted in accordance with Rule 19.15.16.14 NMAC.

All sections of this form must be filled out for allowable requests on new and recompleted wells.

A separate C-104 must be filed for each pool in a multiple completion.

Improperly filled out or incomplete forms may be returned to operators unapproved.

- | | |
|--|---|
| 1. Operator's name and address | 27. Hole size. |
| 2. Operator's OGRID number. If you do not have one, please read the FAQ "How Do I Become A Well Operator?" at www.emnrd.state.nm.us/ocd . | 28. Outside diameter of the casing and tubing. |
| 3. Reason for filing code from the following table:
NW New Well
RC Recompletion
RT Request for test allowable (Include volume requested)
If for any other reason write that reason in this box. | 29. Depth of casing and tubing. If a casing liner, show top and bottom. |
| 4. The API number of this well. | 30. Number of sacks of cement used per casing string. |
| 5. The name of the pool for this completion. | The following test data is for an oil well. It must be from a test conducted only after the total volume of load oil is recovered. |
| 6. The pool code for this pool. | 31. MM/DD/YY that new oil was first produced. |
| 7. The property code for this completion. | 32. MM/DD/YY that gas was first produced into a pipeline. |
| 8. The property name (well name) for this completion. | 33. MM/DD/YY that the following test was completed. |
| 9. The well number for this completion. | 34. Length in hours of the test. |
| 10. The surface location of this completion. NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter. | 35. Flowing tubing pressure - oil wells
Shut-in tubing pressure - gas wells |
| 11. The bottom hole location of this completion. | 36. Flowing casing pressure - oil wells
Shut-in casing pressure - gas wells |
| 12. Lease code from the following table:
F Federal
S State
P Fee
J Jicarilla
N Navajo
U Ute Mountain Ute
I Other Indian Tribe | 37. Diameter of the choke used in the test. |
| 13. The producing method code from the following table:
F Flowing
P Pumping or other artificial lift | 38. Barrels of oil produced during the test. |
| 14. MM/DD/YY that this completion was first connected to a gas transporter. | 39. Barrels of water produced during the test. |
| 15. The permit number from the District approved C-129 for this completion. | 40. MCF of gas produced during the test. |
| 16. MM/DD/YY of the C-129 approval for this completion. | 41. The method used to test the well:
F Flowing
P Pumping
S Swabbing
If other method please write it in. |
| 17. MM/DD/YY of the expiration of C-129 approval for this completion. | 42. The signature, printed name, title, and e-mail address of the person authorized to make this report, the date this report was signed, and the telephone number to call for questions about this report. |
| 18. The gas or oil transporter's OGRID number. | |
| 19. Name and address of the transporter of the product. | |
| 20. Product code from the following table:
O Oil
G Gas
W Water | |
| 21. MM/DD/YY drilling commenced. | |
| 22. MM/DD/YY this completion was ready to produce. | |
| 23. Total measured depth of the well. | |
| 24. Plugback measured depth. | |
| 25. Top and bottom perforation in this completion or casing shoe and TD if openhole. | |
| 26. Write in 'DHC' if this completion is downhole commingled with another completion or 'MC' if there is more than one non-commingled completion in this well bore. Attach actual completed well bore diagram | |

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

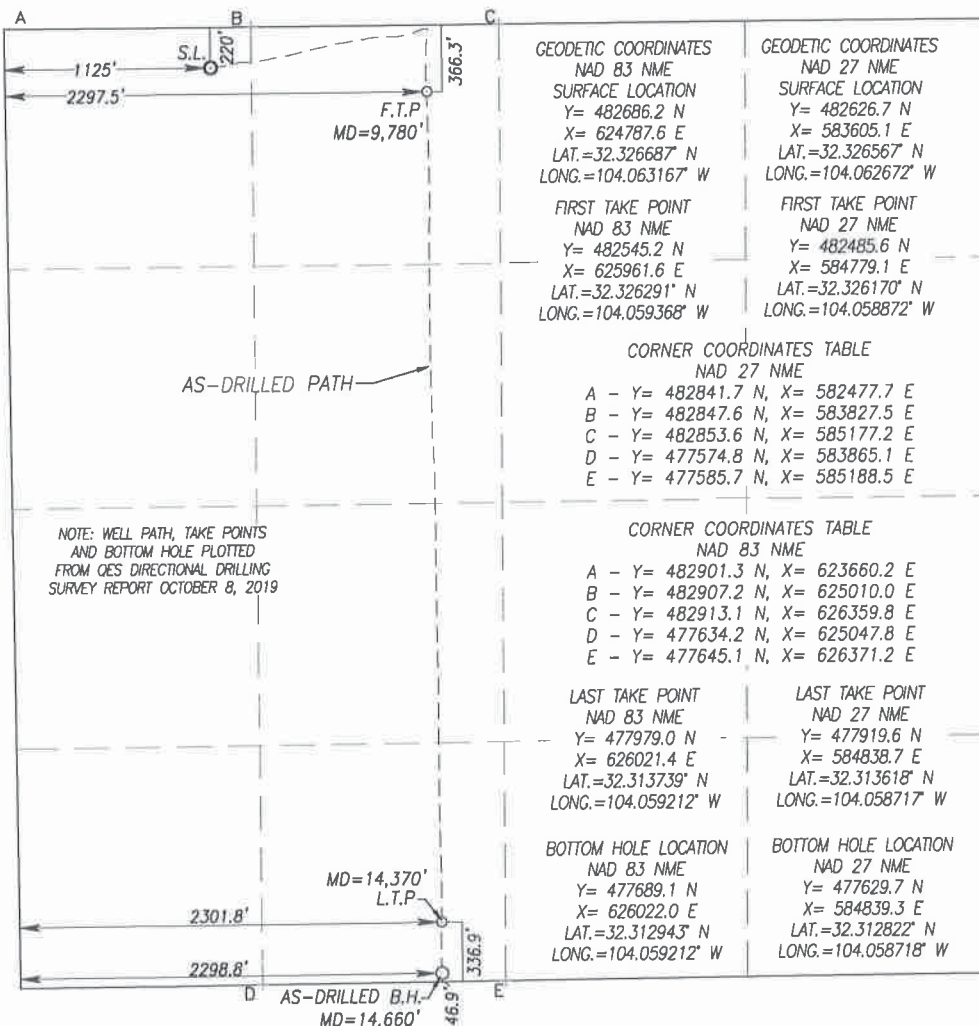
API Number 30-015-45945	Pool Code 98820	Pool Name PURPLE SAGE (WOLFCAMP)
Property Code 325477	Property Name PARDUE 8808	Well Number 4H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 2996'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	23-S	28-E		220	NORTH	1125	WEST	EDDY

AS- Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	11	23-S	28-E		46.9	SOUTH	2298.8	WEST	EDDY
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 482686.2 N X= 624787.6 E LAT.=32.326687° N LONG.=104.063167° W FIRST TAKE POINT NAD 83 NME Y= 482545.2 N X= 625961.6 E LAT.=32.326291° N LONG.=104.059368° W	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 482626.7 N X= 583605.1 E LAT.=32.326567° N LONG.=104.062672° W FIRST TAKE POINT NAD 27 NME Y= 482485.6 N X= 584779.1 E LAT.=32.326170° N LONG.=104.058872° W
---	---

CORNER COORDINATES TABLE
NAD 27 NME

A - Y= 482841.7 N, X= 582477.7 E
B - Y= 482847.6 N, X= 583827.5 E
C - Y= 482853.6 N, X= 585177.2 E
D - Y= 477574.8 N, X= 583865.1 E
E - Y= 477585.7 N, X= 585188.5 E

CORNER COORDINATES TABLE
NAD 83 NME

A - Y= 482901.3 N, X= 623660.2 E
B - Y= 482907.2 N, X= 625010.0 E
C - Y= 482913.1 N, X= 626359.8 E
D - Y= 477634.2 N, X= 625047.8 E
E - Y= 477645.1 N, X= 626371.2 E

LAST TAKE POINT NAD 83 NME Y= 47779.0 N X= 626021.4 E LAT.=32.313739° N LONG.=104.059212° W	LAST TAKE POINT NAD 27 NME Y= 477919.6 N X= 584838.7 E LAT.=32.313618° N LONG.=104.058717° W
BOTTOM HOLE LOCATION NAD 83 NME Y= 477689.1 N X= 626022.0 E LAT.=32.312943° N LONG.=104.059212° W	BOTTOM HOLE LOCATION NAD 27 NME Y= 477629.7 N X= 584839.3 E LAT.=32.312822° N LONG.=104.058718° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Katy Reddell 03/02/2020

Signature Date

KATY REDDELL

Printed Name

kreddell@btaoil.com

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 26, 2019

Date of Survey
Signature of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
REGISTERED SURVEYOR
3239
Certificate Number
Ronald J. Eidson 12641
Ronald J. Eidson 3239

LSL REL 19.11.0215 JWSC W.O.: 20.13.0011



BTA OIL PRODUCERS, LLC
104 SOUTH PECOS STREET
MIDLAND, TEXAS 79701-5021
432-682-3753

Re: Confidentiality Request

BTA Oil Producers, LLC respectfully requests that the division keep the C-105 and all accompanying attachments confidential for the 90 day period after completion of the Pardue 8808 4H.

Respectfully,

Katy Reddell

Katy Reddell
BTA Oil Producers, LLC



BTA Oil Producers, LLC

Eddy County, New Mexico (NAD 83)

Sec 11, T23-S, R28-E

Pardue 8808 #4H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

08 October, 2019



QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Pardue 8808 #4H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 3021.0usft (Patterson #597)
Site:	Sec 11, T23-S, R28-E	MD Reference:	WELL @ 3021.0usft (Patterson #597)
Well:	Pardue 8808 #4H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Eddy County, New Mexico (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 11, T23-S, R28-E		
Site Position:		Northing:	482,685.90 usft
From:	Map	Easting:	624,697.70 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 19' 36.073 N
		Longitude:	104° 3' 47.450 W
		Grid Convergence:	0.14 °

Well	Pardue 8808 #4H		
Well Position	+N/-S	0.0 usft	Northing: 482,686.20 usft
	+E/-W	0.0 usft	Easting: 624,787.60 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 19' 36.074 N
		Longitude:	104° 3' 47.402 W
		Ground Level:	2,996.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	9/30/2019	7.08
			Dip Angle (°)
			60.05
			Field Strength (nT)
			47,881.60000000

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			166.10

Survey Program	Date 10/8/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
145.0	14,660.0	QES MWD Surveys (Wellbore #1)	OWSG (Rev2) MWD
			Description
			OWSG MWD - Standard

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.0	0.00	0.00	0.0	0.0	0.0	482,686.20	624,787.60	32° 19' 36.074 N	104° 3' 47.402 W	
145.0	2.00	86.20	145.0	0.2	2.5	482,686.37	624,790.13	32° 19' 36.076 N	104° 3' 47.373 W	
First MWD Survey @ 145.0' MD / 145.0' TVD										
234.0	1.80	94.50	233.9	0.2	5.5	482,686.36	624,793.07	32° 19' 36.076 N	104° 3' 47.338 W	
323.0	1.40	106.40	322.9	-0.3	7.9	482,685.95	624,795.51	32° 19' 36.071 N	104° 3' 47.310 W	
412.0	1.30	128.20	411.9	-1.2	9.7	482,685.01	624,797.34	32° 19' 36.062 N	104° 3' 47.288 W	
504.0	1.30	165.00	503.8	-2.8	10.8	482,683.36	624,798.44	32° 19' 36.046 N	104° 3' 47.276 W	
544.0	1.40	165.10	543.8	-3.8	11.1	482,682.45	624,798.68	32° 19' 36.037 N	104° 3' 47.273 W	
633.0	1.80	83.00	632.8	-4.6	12.7	482,681.57	624,800.35	32° 19' 36.028 N	104° 3' 47.254 W	
695.0	3.70	67.90	694.7	-3.8	15.6	482,682.44	624,803.17	32° 19' 36.037 N	104° 3' 47.221 W	
790.0	5.80	67.40	789.4	-0.8	22.8	482,685.44	624,810.44	32° 19' 36.066 N	104° 3' 47.136 W	
883.0	7.70	80.20	881.8	2.1	33.3	482,688.31	624,820.92	32° 19' 36.094 N	104° 3' 47.014 W	



QES
Survey Report - Geographic



Company: BTA Oil Producers, LLC
Project: Eddy County, New Mexico (NAD 83)
Site: Sec 11, T23-S, R28-E
Well: Pardue 8808 #4H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Pardue 8808 #4H
TVD Reference: WELL @ 3021.0usft (Patterson #597)
MD Reference: WELL @ 3021.0usft (Patterson #597)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
978.0	8.50	84.30	975.8	3.9	46.6	482,690.09	624,834.18	32° 19' 36.111 N	104° 3' 46.859 W
1,073.0	7.40	82.00	1,069.9	5.4	59.6	482,691.64	624,847.22	32° 19' 36.126 N	104° 3' 46.707 W
1,167.0	9.10	77.20	1,162.9	7.9	72.9	482,694.12	624,860.46	32° 19' 36.151 N	104° 3' 46.553 W
1,262.0	9.70	76.50	1,256.6	11.5	88.0	482,697.66	624,875.57	32° 19' 36.185 N	104° 3' 46.376 W
1,356.0	8.80	76.20	1,349.4	15.0	102.7	482,701.22	624,890.26	32° 19' 36.220 N	104° 3' 46.205 W
1,451.0	8.30	75.80	1,443.4	18.4	116.4	482,704.64	624,903.96	32° 19' 36.254 N	104° 3' 46.045 W
1,546.0	7.40	76.00	1,537.5	21.6	128.9	482,707.80	624,916.54	32° 19' 36.285 N	104° 3' 45.899 W
1,641.0	8.70	78.60	1,631.5	24.5	141.9	482,710.70	624,929.52	32° 19' 36.313 N	104° 3' 45.747 W
1,736.0	9.30	80.60	1,725.4	27.2	156.5	482,713.37	624,944.14	32° 19' 36.339 N	104° 3' 45.577 W
1,831.0	8.80	84.30	1,819.2	29.1	171.3	482,715.35	624,958.94	32° 19' 36.358 N	104° 3' 45.404 W
1,926.0	8.40	89.90	1,913.1	29.9	185.5	482,716.08	624,973.11	32° 19' 36.365 N	104° 3' 45.239 W
2,021.0	7.70	90.10	2,007.2	29.9	198.8	482,716.08	624,986.42	32° 19' 36.365 N	104° 3' 45.084 W
2,116.0	8.80	84.80	2,101.2	30.5	212.4	482,716.73	625,000.02	32° 19' 36.371 N	104° 3' 44.925 W
2,211.0	9.50	87.40	2,195.0	31.5	227.5	482,717.75	625,015.09	32° 19' 36.381 N	104° 3' 44.750 W
2,306.0	8.90	90.60	2,288.8	31.8	242.7	482,718.02	625,030.27	32° 19' 36.383 N	104° 3' 44.573 W
2,401.0	9.10	81.30	2,382.6	32.9	257.4	482,719.08	625,045.04	32° 19' 36.393 N	104° 3' 44.401 W
2,496.0	8.70	79.50	2,476.5	35.3	271.9	482,721.53	625,059.54	32° 19' 36.417 N	104° 3' 44.232 W
2,563.0	7.80	81.80	2,542.8	36.9	281.4	482,723.10	625,069.02	32° 19' 36.432 N	104° 3' 44.121 W
2,664.0	8.90	77.40	2,642.7	39.6	295.8	482,725.78	625,083.43	32° 19' 36.458 N	104° 3' 43.953 W
2,759.0	9.80	76.00	2,736.4	43.1	310.8	482,729.34	625,098.44	32° 19' 36.493 N	104° 3' 43.778 W
2,854.0	10.60	77.60	2,829.9	47.0	327.2	482,733.17	625,114.82	32° 19' 36.531 N	104° 3' 43.587 W
2,950.0	11.40	78.80	2,924.2	50.7	345.1	482,736.91	625,132.75	32° 19' 36.567 N	104° 3' 43.378 W
3,045.0	12.00	79.20	3,017.2	54.4	364.1	482,740.59	625,151.66	32° 19' 36.603 N	104° 3' 43.157 W
3,140.0	12.60	82.20	3,110.0	57.6	384.0	482,743.84	625,171.63	32° 19' 36.635 N	104° 3' 42.925 W
3,235.0	12.90	84.10	3,202.7	60.1	404.8	482,746.34	625,192.45	32° 19' 36.659 N	104° 3' 42.682 W
3,328.0	13.60	75.70	3,293.2	63.9	425.8	482,750.11	625,213.37	32° 19' 36.696 N	104° 3' 42.438 W
3,423.0	14.40	74.10	3,385.4	69.9	448.0	482,756.10	625,235.55	32° 19' 36.755 N	104° 3' 42.179 W
3,517.0	12.10	74.60	3,476.9	75.7	468.7	482,761.92	625,256.30	32° 19' 36.812 N	104° 3' 41.937 W
3,612.0	11.60	75.80	3,569.8	80.7	487.6	482,766.91	625,275.16	32° 19' 36.861 N	104° 3' 41.717 W
3,707.0	12.00	76.70	3,662.8	85.3	506.4	482,771.53	625,294.03	32° 19' 36.906 N	104° 3' 41.497 W
3,801.0	12.60	78.50	3,754.7	89.6	526.0	482,775.82	625,313.58	32° 19' 36.948 N	104° 3' 41.269 W
3,896.0	13.50	78.60	3,847.2	93.9	547.0	482,780.08	625,334.61	32° 19' 36.989 N	104° 3' 41.024 W
3,991.0	11.80	75.70	3,939.9	98.5	567.3	482,784.67	625,354.89	32° 19' 37.034 N	104° 3' 40.787 W
4,086.0	12.00	75.10	4,032.9	103.4	586.2	482,789.61	625,373.85	32° 19' 37.083 N	104° 3' 40.566 W
4,181.0	12.00	76.40	4,125.8	108.3	605.4	482,794.47	625,392.99	32° 19' 37.130 N	104° 3' 40.343 W
4,276.0	12.80	78.10	4,218.6	112.8	625.3	482,798.96	625,412.89	32° 19' 37.174 N	104° 3' 40.111 W
4,372.0	12.10	77.90	4,312.3	117.1	645.5	482,803.26	625,433.13	32° 19' 37.216 N	104° 3' 39.875 W
4,466.0	12.50	78.10	4,404.2	121.2	665.1	482,807.42	625,452.72	32° 19' 37.257 N	104° 3' 39.647 W
4,561.0	13.40	78.30	4,496.7	125.6	686.0	482,811.78	625,473.56	32° 19' 37.300 N	104° 3' 39.404 W
4,656.0	11.60	78.50	4,589.5	129.7	706.1	482,815.91	625,493.70	32° 19' 37.340 N	104° 3' 39.169 W
4,750.0	11.50	79.20	4,681.6	133.4	724.6	482,819.55	625,512.16	32° 19' 37.376 N	104° 3' 38.953 W
4,845.0	11.30	80.20	4,774.7	136.7	743.0	482,822.91	625,530.64	32° 19' 37.408 N	104° 3' 38.738 W
4,941.0	11.30	82.00	4,868.9	139.6	761.6	482,825.82	625,549.22	32° 19' 37.437 N	104° 3' 38.521 W
5,034.0	11.60	83.40	4,960.0	142.0	779.9	482,828.16	625,567.53	32° 19' 37.459 N	104° 3' 38.308 W
5,128.0	11.90	84.60	5,052.0	144.0	799.0	482,830.16	625,586.57	32° 19' 37.479 N	104° 3' 38.086 W
5,223.0	9.70	78.30	5,145.3	146.5	816.6	482,832.71	625,604.16	32° 19' 37.503 N	104° 3' 37.881 W
5,318.0	9.40	78.30	5,239.0	149.7	832.0	482,835.90	625,619.59	32° 19' 37.535 N	104° 3' 37.701 W
5,412.0	9.10	79.50	5,331.8	152.6	846.8	482,838.82	625,634.42	32° 19' 37.563 N	104° 3' 37.528 W
5,507.0	9.00	80.40	5,425.6	155.2	861.5	482,841.42	625,649.13	32° 19' 37.589 N	104° 3' 37.357 W
5,600.0	8.40	81.80	5,517.6	157.4	875.4	482,843.61	625,663.03	32° 19' 37.610 N	104° 3' 37.194 W
5,695.0	8.50	83.90	5,611.5	159.1	889.3	482,845.34	625,676.88	32° 19' 37.627 N	104° 3' 37.033 W
5,789.0	8.50	85.00	5,704.5	160.5	903.1	482,846.69	625,690.70	32° 19' 37.640 N	104° 3' 36.872 W
5,883.0	8.40	87.40	5,797.5	161.4	916.9	482,847.60	625,704.48	32° 19' 37.648 N	104° 3' 36.711 W
5,978.0	8.50	89.40	5,891.4	161.8	930.8	482,847.99	625,718.44	32° 19' 37.652 N	104° 3' 36.549 W
6,073.0	8.40	90.60	5,985.4	161.8	944.8	482,847.99	625,732.40	32° 19' 37.651 N	104° 3' 36.386 W



QES
Survey Report - Geographic



Company: BTA Oil Producers, LLC
Project: Eddy County, New Mexico (NAD 83)
Site: Sec 11, T23-S, R28-E
Well: Pardue 8808 #4H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Pardue 8808 #4H
TVD Reference: WELL @ 3021.0usft (Patterson #597)
MD Reference: WELL @ 3021.0usft (Patterson #597)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,167.0	8.40	84.80	6,078.4	162.3	958.5	482,848.54	625,746.10	32° 19' 37.657 N	104° 3' 36.226 W
6,262.0	8.50	84.10	6,172.4	163.7	972.4	482,849.89	625,759.99	32° 19' 37.670 N	104° 3' 36.064 W
6,357.0	7.80	84.40	6,266.4	165.0	985.8	482,851.24	625,773.39	32° 19' 37.683 N	104° 3' 35.908 W
6,452.0	6.80	86.90	6,360.6	166.0	997.8	482,852.18	625,785.42	32° 19' 37.692 N	104° 3' 35.768 W
6,547.0	6.00	89.00	6,455.0	166.4	1,008.4	482,852.57	625,796.01	32° 19' 37.695 N	104° 3' 35.644 W
6,642.0	4.60	94.60	6,549.6	166.1	1,017.2	482,852.35	625,804.77	32° 19' 37.693 N	104° 3' 35.542 W
6,737.0	5.70	83.90	6,644.3	166.3	1,025.7	482,852.54	625,813.26	32° 19' 37.694 N	104° 3' 35.443 W
6,832.0	5.70	83.40	6,738.8	167.4	1,035.0	482,853.59	625,822.63	32° 19' 37.705 N	104° 3' 35.334 W
6,927.0	6.90	80.20	6,833.2	168.9	1,045.3	482,855.10	625,832.94	32° 19' 37.719 N	104° 3' 35.214 W
7,022.0	4.90	77.80	6,927.7	170.7	1,054.9	482,856.93	625,842.53	32° 19' 37.737 N	104° 3' 35.102 W
7,116.0	5.90	69.00	7,021.3	173.3	1,063.4	482,859.51	625,850.97	32° 19' 37.762 N	104° 3' 35.004 W
7,211.0	6.20	67.90	7,115.8	177.0	1,072.7	482,863.19	625,860.28	32° 19' 37.799 N	104° 3' 34.895 W
7,306.0	6.50	73.90	7,210.2	180.4	1,082.6	482,866.61	625,870.20	32° 19' 37.832 N	104° 3' 34.779 W
7,400.0	6.10	82.30	7,303.6	182.6	1,092.7	482,868.76	625,880.26	32° 19' 37.853 N	104° 3' 34.662 W
7,495.0	6.90	73.50	7,398.0	184.9	1,103.1	482,871.05	625,890.73	32° 19' 37.876 N	104° 3' 34.540 W
7,587.0	6.80	71.30	7,489.3	188.2	1,113.6	482,874.37	625,901.19	32° 19' 37.908 N	104° 3' 34.418 W
7,682.0	5.80	77.10	7,583.8	191.0	1,123.6	482,877.24	625,911.20	32° 19' 37.936 N	104° 3' 34.301 W
7,778.0	5.80	67.60	7,679.3	194.0	1,132.8	482,880.17	625,920.41	32° 19' 37.965 N	104° 3' 34.194 W
7,873.0	5.00	59.70	7,773.9	197.9	1,140.8	482,884.09	625,928.42	32° 19' 38.004 N	104° 3' 34.100 W
7,968.0	4.40	62.60	7,868.5	201.7	1,147.6	482,887.86	625,935.23	32° 19' 38.041 N	104° 3' 34.021 W
8,063.0	4.70	75.50	7,963.2	204.3	1,154.6	482,890.51	625,942.24	32° 19' 38.067 N	104° 3' 33.939 W
8,157.0	3.70	83.20	8,057.0	205.6	1,161.4	482,891.83	625,948.98	32° 19' 38.080 N	104° 3' 33.860 W
8,252.0	1.90	90.60	8,151.9	206.0	1,166.0	482,892.18	625,953.60	32° 19' 38.083 N	104° 3' 33.807 W
8,347.0	2.00	105.00	8,246.8	205.5	1,169.2	482,891.73	625,956.77	32° 19' 38.079 N	104° 3' 33.770 W
8,442.0	2.40	69.90	8,341.8	205.8	1,172.6	482,891.99	625,960.24	32° 19' 38.081 N	104° 3' 33.729 W
8,537.0	1.30	81.80	8,436.7	206.6	1,175.6	482,892.83	625,963.18	32° 19' 38.089 N	104° 3' 33.695 W
8,631.0	1.00	121.70	8,530.7	206.3	1,177.3	482,892.55	625,964.93	32° 19' 38.086 N	104° 3' 33.674 W
8,727.0	1.40	138.80	8,626.7	205.0	1,178.8	482,891.22	625,966.42	32° 19' 38.073 N	104° 3' 33.657 W
8,822.0	1.80	141.40	8,721.6	203.0	1,180.5	482,889.19	625,968.11	32° 19' 38.053 N	104° 3' 33.637 W
8,916.0	2.10	165.00	8,815.6	200.2	1,181.9	482,886.37	625,969.48	32° 19' 38.025 N	104° 3' 33.622 W
9,010.0	2.30	176.40	8,909.5	196.6	1,182.4	482,882.82	625,970.04	32° 19' 37.990 N	104° 3' 33.615 W
9,106.0	2.30	189.20	9,005.4	192.8	1,182.3	482,879.00	625,969.86	32° 19' 37.952 N	104° 3' 33.617 W
9,145.0	2.20	192.20	9,044.4	191.3	1,182.0	482,877.49	625,969.57	32° 19' 37.937 N	104° 3' 33.621 W
9,227.0	5.30	188.70	9,126.2	186.0	1,181.1	482,872.21	625,968.67	32° 19' 37.885 N	104° 3' 33.631 W
9,322.0	20.50	186.90	9,218.5	165.0	1,178.4	482,851.24	625,965.99	32° 19' 37.678 N	104° 3' 33.663 W
9,417.0	29.40	184.30	9,304.6	125.2	1,174.6	482,811.39	625,962.23	32° 19' 37.283 N	104° 3' 33.708 W
9,510.0	42.00	181.70	9,380.0	71.1	1,172.0	482,757.30	625,959.59	32° 19' 36.748 N	104° 3' 33.741 W
9,606.0	48.90	181.50	9,447.3	2.8	1,170.1	482,688.96	625,957.69	32° 19' 36.072 N	104° 3' 33.765 W
9,695.0	55.80	177.60	9,501.6	-67.6	1,170.7	482,618.56	625,958.35	32° 19' 35.375 N	104° 3' 33.759 W
9,739.2	59.53	176.55	9,525.3	-104.9	1,172.7	482,581.27	625,960.26	32° 19' 35.006 N	104° 3' 33.738 W
330' HL Crossed @ 9739.2' MD / 9525.3' TVD									
9,746.0	60.10	176.40	9,528.7	-110.8	1,173.0	482,575.41	625,960.62	32° 19' 34.948 N	104° 3' 33.734 W
9,840.0	66.40	178.80	9,571.0	-194.6	1,176.5	482,491.59	625,964.09	32° 19' 34.119 N	104° 3' 33.696 W
9,934.0	69.90	179.40	9,606.0	-281.8	1,177.8	482,404.37	625,965.45	32° 19' 33.256 N	104° 3' 33.683 W
10,029.0	73.40	178.30	9,635.9	-372.0	1,179.7	482,314.23	625,967.27	32° 19' 32.364 N	104° 3' 33.664 W
10,123.0	84.70	178.50	9,653.7	-464.1	1,182.2	482,222.13	625,969.84	32° 19' 31.452 N	104° 3' 33.637 W
10,217.0	88.30	179.00	9,659.4	-557.9	1,184.3	482,128.34	625,971.89	32° 19' 30.524 N	104° 3' 33.616 W
10,311.0	88.80	179.20	9,661.8	-651.8	1,185.8	482,034.38	625,973.36	32° 19' 29.594 N	104° 3' 33.602 W
10,405.0	92.00	180.10	9,661.1	-745.8	1,186.3	481,940.40	625,973.94	32° 19' 28.664 N	104° 3' 33.598 W
10,500.0	94.40	180.90	9,655.8	-840.6	1,185.5	481,845.56	625,973.11	32° 19' 27.725 N	104° 3' 33.610 W
10,595.0	91.50	181.70	9,651.0	-935.5	1,183.4	481,750.72	625,970.96	32° 19' 26.787 N	104° 3' 33.638 W
10,689.0	90.20	179.70	9,649.6	-1,029.5	1,182.2	481,656.74	625,969.81	32° 19' 25.857 N	104° 3' 33.654 W
10,783.0	88.50	179.40	9,650.6	-1,123.4	1,182.9	481,562.76	625,970.55	32° 19' 24.927 N	104° 3' 33.649 W
10,878.0	88.90	179.40	9,652.8	-1,218.4	1,183.9	481,467.79	625,971.54	32° 19' 23.987 N	104° 3' 33.640 W
10,972.0	90.00	179.70	9,653.7	-1,312.4	1,184.7	481,373.80	625,972.28	32° 19' 23.057 N	104° 3' 33.634 W



QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Pardue 8808 #4H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 3021.0usft (Patterson #597)
Site:	Sec 11, T23-S, R28-E	MD Reference:	WELL @ 3021.0usft (Patterson #597)
Well:	Pardue 8808 #4H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,066.0	90.60	179.70	9,653.2	-1,406.4	1,185.2	481,279.80	625,972.77	32° 19' 22.127 N	104° 3' 33.631 W
11,161.0	90.90	179.50	9,651.9	-1,501.4	1,185.8	481,184.81	625,973.43	32° 19' 21.187 N	104° 3' 33.626 W
11,255.0	88.40	179.20	9,652.5	-1,595.4	1,186.9	481,090.82	625,974.50	32° 19' 20.257 N	104° 3' 33.617 W
11,350.0	90.50	179.20	9,653.4	-1,690.4	1,188.2	480,995.84	625,975.83	32° 19' 19.317 N	104° 3' 33.604 W
11,444.0	90.90	178.50	9,652.3	-1,784.3	1,190.1	480,901.87	625,977.71	32° 19' 18.387 N	104° 3' 33.585 W
11,539.0	92.20	178.70	9,649.7	-1,879.3	1,192.4	480,806.93	625,980.03	32° 19' 17.447 N	104° 3' 33.561 W
11,633.0	87.90	178.00	9,649.6	-1,973.2	1,195.1	480,713.00	625,982.74	32° 19' 16.518 N	104° 3' 33.532 W
11,728.0	85.60	177.10	9,655.0	-2,068.0	1,199.2	480,618.24	625,986.79	32° 19' 15.580 N	104° 3' 33.487 W
11,822.0	88.10	177.40	9,660.2	-2,161.7	1,203.7	480,524.50	625,991.29	32° 19' 14.652 N	104° 3' 33.438 W
11,916.0	88.40	177.40	9,663.1	-2,255.6	1,208.0	480,430.64	625,995.56	32° 19' 13.723 N	104° 3' 33.391 W
12,009.0	90.90	180.10	9,663.6	-2,348.5	1,210.0	480,337.68	625,997.59	32° 19' 12.803 N	104° 3' 33.370 W
12,103.0	89.60	179.90	9,663.2	-2,442.5	1,210.0	480,243.68	625,997.59	32° 19' 11.873 N	104° 3' 33.373 W
12,197.0	88.20	179.20	9,665.0	-2,536.5	1,210.7	480,149.71	625,998.32	32° 19' 10.943 N	104° 3' 33.367 W
12,292.0	91.20	180.80	9,665.5	-2,631.5	1,210.7	480,054.72	625,998.32	32° 19' 10.003 N	104° 3' 33.370 W
12,386.0	88.60	178.00	9,665.7	-2,725.5	1,211.7	479,960.75	625,999.31	32° 19' 9.073 N	104° 3' 33.361 W
12,479.0	92.90	180.20	9,664.5	-2,818.4	1,213.2	479,867.79	626,000.77	32° 19' 8.153 N	104° 3' 33.347 W
12,574.0	91.30	179.20	9,661.0	-2,913.3	1,213.7	479,772.86	626,001.27	32° 19' 7.214 N	104° 3' 33.344 W
12,668.0	94.50	179.70	9,666.2	-3,007.2	1,214.6	479,679.00	626,002.17	32° 19' 6.285 N	104° 3' 33.336 W
12,761.0	93.60	179.20	9,649.7	-3,100.0	1,215.5	479,586.24	626,003.06	32° 19' 5.367 N	104° 3' 33.329 W
12,855.0	90.20	179.00	9,646.5	-3,193.9	1,216.9	479,492.31	626,004.53	32° 19' 4.437 N	104° 3' 33.314 W
12,949.0	86.00	178.00	9,649.7	-3,287.8	1,219.4	479,398.42	626,006.99	32° 19' 3.508 N	104° 3' 33.288 W
13,043.0	90.90	180.10	9,652.2	-3,381.7	1,220.9	479,304.50	626,008.55	32° 19' 2.579 N	104° 3' 33.273 W
13,137.0	88.50	179.90	9,652.7	-3,475.7	1,220.9	479,210.51	626,008.55	32° 19' 1.649 N	104° 3' 33.276 W
13,231.0	89.00	179.70	9,654.7	-3,569.7	1,221.3	479,116.53	626,008.87	32° 19' 0.719 N	104° 3' 33.275 W
13,325.0	90.00	180.10	9,655.6	-3,663.7	1,221.4	479,022.54	626,009.04	32° 18' 59.789 N	104° 3' 33.276 W
13,420.0	87.90	179.40	9,657.3	-3,758.6	1,221.8	478,927.56	626,009.45	32° 18' 58.849 N	104° 3' 33.274 W
13,514.0	90.00	179.70	9,659.0	-3,852.6	1,222.6	478,833.58	626,010.19	32° 18' 57.919 N	104° 3' 33.268 W
13,608.0	90.00	179.70	9,659.0	-3,946.6	1,223.1	478,739.59	626,010.68	32° 18' 56.988 N	104° 3' 33.265 W
13,702.0	90.60	179.50	9,658.5	-4,040.6	1,223.7	478,645.59	626,011.34	32° 18' 56.058 N	104° 3' 33.260 W
13,796.0	88.90	178.10	9,658.9	-4,134.6	1,225.7	478,551.62	626,013.31	32° 18' 55.128 N	104° 3' 33.240 W
13,890.0	87.50	177.60	9,661.9	-4,228.5	1,229.2	478,457.73	626,016.83	32° 18' 54.199 N	104° 3' 33.202 W
13,985.0	87.60	178.30	9,666.0	-4,323.3	1,232.6	478,362.88	626,020.23	32° 18' 53.260 N	104° 3' 33.165 W
14,079.0	89.30	179.50	9,668.5	-4,417.3	1,234.4	478,268.94	626,022.03	32° 18' 52.331 N	104° 3' 33.147 W
14,173.0	91.20	180.60	9,668.1	-4,511.3	1,234.3	478,174.94	626,021.95	32° 18' 51.401 N	104° 3' 33.151 W
14,267.0	89.00	179.50	9,667.9	-4,605.2	1,234.3	478,080.95	626,021.87	32° 18' 50.470 N	104° 3' 33.154 W
14,361.0	91.70	180.60	9,667.3	-4,699.2	1,234.2	477,986.96	626,021.78	32° 18' 49.540 N	104° 3' 33.158 W
14,375.8	91.13	180.54	9,667.0	-4,714.0	1,234.0	477,972.17	626,021.64	32° 18' 49.394 N	104° 3' 33.160 W
330' HL Crossed @ 14375.8' MD / 9667.0' TVD									
14,455.0	88.10	180.20	9,667.5	-4,793.2	1,233.5	477,892.98	626,021.13	32° 18' 48.610 N	104° 3' 33.168 W
14,549.0	90.70	179.90	9,668.5	-4,887.2	1,233.4	477,798.99	626,021.05	32° 18' 47.680 N	104° 3' 33.172 W
14,606.0	90.40	179.20	9,667.9	-4,944.2	1,233.9	477,742.00	626,021.49	32° 18' 47.116 N	104° 3' 33.169 W
14,660.0	90.40	179.20	9,667.6	-4,998.2	1,234.6	477,688.01	626,022.25	32° 18' 46.582 N	104° 3' 33.162 W
TD @ 14660.0' MD / 9667.6' TVD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
145.0	145.0	0.2	2.5	First MWD Survey @ 145.0' MD / 145.0' TVD
9,739.2	9,525.3	-104.9	1,172.7	330' HL Crossed @ 9739.2' MD / 9525.3' TVD
14,375.8	9,667.0	-4,714.0	1,234.0	330' HL Crossed @ 14375.8' MD / 9667.0' TVD
14,660.0	9,667.6	-4,998.2	1,234.6	TD @ 14660.0' MD / 9667.6' TVD



QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Pardue 8808 #4H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 3021.0usft (Patterson #597)
Site:	Sec 11, T23-S, R28-E	MD Reference:	WELL @ 3021.0usft (Patterson #597)
Well:	Pardue 8808 #4H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised April 3, 2017								
		1. WELL API NO. 30-015-45945								
		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name PARDUE 8808								
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER		6. Well Number: 4H								
8. Name of Operator BTA OIL PRODUCERS, LLC		9. OGRID 260297								
10. Address of Operator 104 S. PECOS; MIDLAND, TX. 79701		11. Pool name or Wildcat PURPLE SAGE (WOLFCAMP)								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	11	23S	28E		220	N	1125	W	EDDY
BH:	N	11	23S	28E		46.9	S	2298.8	W	EDDY
13. Date Spudded 7/30/2019	14. Date T.D. Reached 10/1/2019	15. Date Rig Released 10/2/2019		16. Date Completed (Ready to Produce) 2/12/2020			17. Elevations (DF and RKB, RT, GR, etc.) 2996 GR			
18. Total Measured Depth of Well 15,530'		19. Plug Back Measured Depth		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run MWD GAMMA RAY			
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,780'-14,370' WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5#		535'		17 1/2"		425		
9 5/8"		36#		2618'		12 1/4"		800		
7"		29#		9966'		8 3/4"		705		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN					
4 1/2"	9,187'	14,657'	425							
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2 7/8"	9162'		9162'							
26. Perforation record (interval, size, and number) 10,630' - 15,238'						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL				
						14,370'				
						AMOUNT AND KIND MATERIAL USED				
						221,789 BBLs TOTAL FLUID.				
						11,435,020#S 100 MESH AND 40/70 SAND.				
28. PRODUCTION										
Date First Production 1/6/2020		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 1/10/2020	Hours Tested 24	Choke Size 34/64	Prod'n For Test Period 24hrs	Oil - Bbl 813	Gas - MCF 6737	Water - Bbl. 4113	Gas - Oil Ratio			
Flow Tubing Press. 2250	Casing Pressure 2100	Calculated 24- Hour Rate	Oil - Bbl. 1230	Gas - MCF 3014	Water - Bbl. 3022	Oil Gravity - API - (Corr.) 51				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed

Signature *Katy Reddell*

Name KATY REDDELL Title REGULATORY ANALYST Date 3/2/2020

E-mail Address kreddell@btaoil.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 574'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2384'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 2634'	T. Morrison	
T. Drinkard	T. Bone Springs 6340'	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 9536'	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
------	----	----------------------	-----------	------	----	----------------------	-----------